

## **3.17 Public Services**

This section addresses the following public services that could be affected by implementation of the proposed program: fire protection services, emergency services, law enforcement, and schools. Other sections in this PEIR address selected public services focused on the following resources:

- Section 3.9, “Energy,” discusses energy resources and uses.
- Section 3.12, “Hazards and Hazardous Materials,” discusses emergency response to hazardous materials incidents, wildland fire hazards, and potential effects on schools within one-quarter mile of a hazard.
- Section 3.13, “Hydrology,” discusses surface water and supply resources; flood management resources, such as levees, channels, dams, weirs, and other flood management infrastructure; and emergency response to flooding.
- Section 3.18, “Recreation,” discusses potential effects on the lands and waters used for recreation, recreational access and facilities, and recreation opportunities in the study area.
- Section 3.19, “Transportation and Traffic,” discusses potential project effects on access for emergency services.
- Section 3.20, “Utilities and Service Systems,” discusses wastewater treatment systems, storm drainage, solid waste facilities and disposal, transmission lines, power plants, natural gas, petroleum facilities, and communications.

This discussion of public services and analysis of potential impacts is composed of the following subsections:

- Section 3.17.1, “Environmental Setting,” describes the physical conditions in the study area as they apply to public services.
- Section 3.17.2, “Regulatory Setting,” summarizes federal, State, and regional and local laws and regulations pertinent to evaluation of the proposed program’s impacts on public services.
- Section 3.17.3, “Analysis Methodology and Thresholds of Significance,” describes the methods used to assess the environmental

1 effects of the proposed program and lists the thresholds used to  
2 determine the significance of those effects.

- 3 • Section 3.17.4, “Environmental Impacts and Mitigation Measures for  
4 NTMAs,” discusses the environmental effects of near-term  
5 management activities (NTMAs) and identifies mitigation measures for  
6 significant environmental effects.
- 7 • Section 3.17.5, “Environmental Impacts, Mitigation Measures, and  
8 Mitigation Strategies for LTMAs,” discusses the environmental effects  
9 of long-term management activities (LTMAs) and identifies mitigation  
10 measures for significant environmental effects.

11 NTMAs and LTMAs are described in detail in Section 2.4, “Proposed  
12 Management Activities.”

### 13 **3.17.1 Environmental Setting**

#### 14 ***Information Sources Consulted***

15 Sources of information used to prepare this section include the following:

- 16 • The Fire Protection Responsibility Map and online information about  
17 counties with cooperative fire protection agreements, both published by  
18 the California Department of Forestry and Fire Protection (CAL FIRE)  
19 (2010a, 2010b)
- 20 • An online description of the California Emergency Management  
21 Agency (CalEMA) (2010)
- 22 • The *California Boating Safety Report* issued by the California  
23 Department of Boating and Waterways (DBW) (2007) and online  
24 information about boating safety from the San Joaquin County Sheriff’s  
25 Department (2010)
- 26 • Agency Web sites describing the law enforcement functions of the  
27 California Department of Fish and Game (DFG), National Park Service  
28 (NPS), and U.S. Bureau of Land Management (BLM) (DFG 2010; NPS  
29 2006; BLM 2010)
- 30 • A statewide database of California colleges (State of California 2010)

#### 31 ***Geographic Areas Discussed***

32 Public services are discussed for the following geographic areas within the  
33 study area:

- Extended systemwide planning area (Extended SPA) divided into the Sacramento and San Joaquin Valley and foothills and the Sacramento–San Joaquin Delta (Delta) and Suisun Marsh
- Sacramento and San Joaquin Valley watersheds
- SoCal/coastal Central Valley Project/State Water Project (CVP/SWP) service areas

None of the management activities included in the proposed program would be implemented in the SoCal/coastal CVP/SWP service areas. In addition, implementation of the proposed program would not result in long-term reductions in water deliveries to the SoCal/coastal CVP/SWP service areas (see Section 2.6, “No Near- or Long-Term Reduction in Water or Renewable Electricity Deliveries”). Given these conditions, little to no effect on public services is expected in the portion of the SoCal/coastal CVP/SWP service areas located outside of the Sacramento and San Joaquin Valley watersheds and Sacramento and San Joaquin Valley and foothills. Therefore, this geographic area is not discussed in detail in this section.

#### ***Extended Systemwide Planning Area***

##### **Sacramento and San Joaquin Valley and Foothills**

*Fire Protection Services* City and county fire departments and CAL FIRE respond to nonwildland fires that burn within the Sacramento and San Joaquin Valley and foothills. Nonwildland fires are structural, chemical, petroleum, electrical, vehicle, and other fires that involve human-made materials. CAL FIRE and the U.S. Forest Service (USFS) have primary responsibility for fighting wildland fires, which are fires that break out in vegetated areas such as forests, chaparral, and grassland (Figure 3.17-1). CAL FIRE has fire protection agreements with 18 of the 28 counties within the Sacramento and San Joaquin Valley and foothills to provide a wide variety of emergency services, which may include responding to nonwildland fires, depending on the county (CAL FIRE 2010a).

CAL FIRE and USFS generally respond according to established jurisdictional boundaries. The cooperative fire management agreement between the federal agencies and CAL FIRE is the primary framework for wildland fire protection statewide. A fire protection agreement between CAL FIRE and USFS allows the agencies to share fire protection resources to augment their respective capabilities. In practice, the cities and counties, CAL FIRE, and USFS provide mutual assistance when needed.



Figure 3.17-1. California Fire Protection Responsibility Map

1 The National Interagency Fire Center, located in Boise, Idaho, assists with  
2 suppression of wildland fires nationwide. The center is a collaborative  
3 effort by seven federal agencies—the U.S. Bureau of Indian Affairs, BLM,  
4 USFS, the U.S. Fish and Wildlife Service, NPS, the National Weather  
5 Service, and the U.S. Office of Aircraft Services—to coordinate and  
6 support wildland fire and disaster response. CAL FIRE and CalEMA work  
7 closely with these agencies to manage responses to wildland fires.

8 *Emergency Services* Emergency services consist of emergency  
9 preparation, response, and recovery efforts. Emergencies range from calls  
10 to provide individuals with medical assistance to large-scale disasters, such  
11 as evacuations resulting from wildland fires and floods.

12 City police departments and county sheriff's departments provide  
13 emergency services within their respective jurisdictions. There are 28  
14 counties and numerous cities within the Sacramento and San Joaquin  
15 Valley and foothills, each with their own emergency service providers.  
16 Large-scale emergency services are handled by the city police and county  
17 sheriff's departments in cooperation with the State emergency response  
18 network overseen by CalEMA.

19 CalEMA has three administrative regions—Coastal, Inland, and  
20 Southern—that encompass California's 58 counties (Figure 3.17-2). The  
21 Sacramento and San Joaquin Valley and foothills lie within the Coastal and  
22 Inland regions. Emergency service providers could be called upon to assist  
23 with emergencies that occur within their designated region, and to assist the  
24 other regions. CAL FIRE, USFS, the Federal Emergency Management  
25 Agency (FEMA), and the American Red Cross also provide assistance in  
26 large-scale emergencies.

27 *Law Enforcement* Law enforcement services consist of crime prevention,  
28 investigation, and apprehension of lawbreakers, and include duties to keep  
29 the peace and protect life and property. Law enforcement agencies often  
30 enter into cooperative aid agreements with neighboring or overlapping law  
31 enforcement jurisdictions to consolidate their resources and facilitate  
32 communication.



1 Law enforcement services in the Sacramento and San Joaquin Valley and  
2 foothills are provided by city police departments, county sheriff's  
3 departments, and the California Highway Patrol (CHP). In addition, State  
4 and federal agencies, such as DFG, the California Department of Parks and  
5 Recreation, USFS, BLM, and NPS, provide law enforcement on public  
6 lands through the use of park rangers and other staff. In general, the nature  
7 of an offense or law enforcement duty establishes the jurisdiction. The  
8 local law enforcement agency has primary responsibility for handling  
9 conflicts between people and most violations of State law; State and federal  
10 agencies respond when violations occur on public lands within their  
11 jurisdictions. The responsibilities of the various State and federal agencies  
12 include the following:

- 13 • CHP provides traffic law enforcement along Interstate 5 (I-5), State  
14 routes, and State highways in the Sacramento and San Joaquin Valley  
15 and foothills.
- 16 • DFG has four enforcement districts—Northern, North Coast, Central,  
17 and Southern—and provides law enforcement related primarily to State  
18 fish and game laws in the counties within each respective district  
19 (Figure 3.17-3). Portions of the Sacramento and San Joaquin Valley  
20 and foothills are located in the Northern, North Coast, and Central  
21 districts.
- 22 • State park rangers are peace officers under State law with authority  
23 similar to city police or county sheriff's personnel. The rangers'  
24 primary responsibility is to enforce park policies and regulations within  
25 lands under their jurisdiction.
- 26 • USFS uses federal law enforcement officers with jurisdiction on federal  
27 lands. USFS does not assume the responsibilities of sheriff's  
28 departments; instead, the agency enforces the federal codes that govern  
29 public behavior on lands managed by USFS.
- 30 • BLM has been given specific resource protection and law enforcement  
31 responsibilities that relate to its resource management mission. BLM  
32 fields a force of approximately 200 law enforcement rangers  
33 (uniformed officers) and 70 special agents (criminal investigators) in  
34 California who enforce a wide range of laws and regulations in the  
35 prevention, detection, and investigation of crimes affecting public lands  
36 (BLM 2010).



**Figure 3.17-3. The California Department of Fish and Game's Law Enforcement Districts**

- NPS park rangers carry out various tasks associated with forest or structural fire control: protection of property; enforcement of laws and regulations; investigation of violations, complaints, trespass/encroachment, and accidents; and search and rescue (NPS 2006).

In California (including the Sacramento and San Joaquin Valley and foothills), boating laws are generally enforced locally by such agencies as the county sheriff's department and municipal marine patrol units. DBW conducts a program that focuses on funding local law enforcement agencies, training their personnel to adequately enforce boating laws, and ensuring that enforcement of the State's boating laws is uniform throughout California (DBW 2007).

*Schools* School districts in the Sacramento and San Joaquin Valley and foothills provide educational services for children 6–18 years of age. School districts are autonomous governmental entities responsible for providing educational services for elementary school, middle school, and high school students. Districts elect their own governing boards and appoint their own superintendents. County offices of education assist the school districts with administrative and curricular support. Figure 3.12-2 in Section 3.12, "Hazards and Hazardous Materials," shows the locations of schools in the study area.

Numerous private or charter schools, which receive funding from a variety of sources, and many community colleges and 4-year colleges and universities also operate within the Sacramento and San Joaquin Valley and foothills.

#### **Delta and Suisun Marsh**

*Fire Protection Services* Fire protection services in the Delta and Suisun Marsh are similar to services provided in the Sacramento and San Joaquin Valley and foothills. Cities and county fire departments and fire protection districts (including San Joaquin County's Delta Fire Protection District and the Contra Costa Fire Protection District) have primary responsibility for fighting nonwildland fires in the Delta and Suisun Marsh; CAL FIRE and USFS respond primarily to wildland fires in this geographic area. Volunteer firefighters are also available to respond to fire emergencies, as needed. Fire suppression in areas not under the jurisdiction of a fire protection district is the responsibility of the landowners. CAL FIRE has a cooperative agreement with Alameda County for emergency services (CAL FIRE 2010a).

*Emergency Services* Emergency services in the Delta and Suisun Marsh are similar to services provided in the Sacramento and San Joaquin Valley

1 and foothills. CAL FIRE, USFS, FEMA, and the American Red Cross  
2 provide supplementary emergency services. The U.S. Coast Guard also  
3 patrols all navigable waterways in the Delta and coordinates regularly with  
4 all sheriff's departments. The U.S. Coast Guard vessels stationed at Rio  
5 Vista provide limited patrols for the entire Delta.

6 The Delta and Suisun Marsh include many islands, with limited  
7 connections between islands, and thus lengthy routes between locations  
8 that are vulnerable to delays. Additionally, there are a few drawbridges and  
9 swing bridges in the area that can further slow response times.

10 *Law Enforcement* Law enforcement services in the Delta and Suisun  
11 Marsh are similar to those provided in the Sacramento and San Joaquin  
12 Valley and foothills. CHP handles most traffic violations, and State and  
13 federal agencies handle law enforcement on lands within their jurisdictions.  
14 Local law enforcement is provided by various departments within Delta  
15 cities and counties. These law enforcement agencies have primary  
16 responsibility for handling conflicts between people and most violations of  
17 State law. For example, the Marine Patrol Division of the San Joaquin  
18 County Sheriff's Department operates the Boating Safety Unit, which  
19 provides law enforcement services to residents living on more than 700  
20 miles of rivers and waterways in the Delta (San Joaquin County Sheriff's  
21 Department 2010). The Contra Costa County Sheriff's Department  
22 provides law enforcement services in the Delta, as well.

23 As in the Sacramento and San Joaquin Valley and foothills, boating laws  
24 are enforced locally in the Delta and Suisun Marsh by such agencies as  
25 county sheriff's departments and municipal marine patrol units. As  
26 described previously for the valley and foothills geographic area, local law  
27 enforcement agencies in the Delta and Suisun Marsh receive funding and  
28 training from DBW to ensure that the State's boating laws are adequately  
29 and uniformly enforced.

30 *Schools* Because of the rural nature of much of the Delta, relatively few  
31 educational facilities are located in this area. School districts have been  
32 formed to provide educational services for children 6–18 years of age. In  
33 addition, some private or charter schools, which receive funding from a  
34 variety of sources, are located within the Delta and Suisun Marsh.

35 Los Medanos College, a community college in east Contra Costa County,  
36 and the University of the Pacific, a 4-year university in Stockton, are the  
37 only colleges within the Delta and Suisun Marsh, although various  
38 community colleges, colleges, and university systems have satellite  
39 campuses or other facilities in the Delta and Suisun Marsh area (State of  
40 California 2010).

1 **Sacramento and San Joaquin Valley Watersheds**

2 **Fire Protection Services** Fire protection services in the Sacramento and  
3 San Joaquin Valley watersheds are similar to those in the Sacramento and  
4 San Joaquin Valley and foothills and the Delta and Suisun Marsh. Cities  
5 and counties have primary responsibility for fighting nonwildland fires, and  
6 CAL FIRE and USFS respond primarily to wildland fires. CAL FIRE has  
7 agreements with 22 of the 34 counties located wholly or partially within the  
8 Sacramento and San Joaquin Valley watersheds (CAL FIRE 2010a).

9 **Emergency Services** Emergency services in the Sacramento and San  
10 Joaquin Valley watersheds are similar to those provided in the Sacramento  
11 and San Joaquin Valley and foothills and the Delta and Suisun Marsh. City  
12 police departments and county sheriff's departments provide emergency  
13 services within their jurisdictions. Large-scale emergency services are  
14 handled by city police and county sheriff's departments in cooperation with  
15 the State emergency response network overseen by CalEMA. CHP  
16 provides ground and air support for emergencies along the I-5 corridor and  
17 State highways throughout the Sacramento and San Joaquin Valley  
18 watersheds. CHP also assists with traffic control during emergencies, and  
19 CAL FIRE, USFS, FEMA, and the American Red Cross provide  
20 supplementary emergency services.

21 **Law Enforcement** Law enforcement services in the Sacramento and San  
22 Joaquin Valley watersheds are similar to those provided in the Sacramento  
23 and San Joaquin Valley and foothills and the Delta and Suisun Marsh.  
24 Local law enforcement agencies have primary responsibility for handling  
25 conflicts between people and most violations of State law, CHP handles  
26 most traffic violations, and State and federal agencies enforce laws on  
27 lands within their jurisdictions.

28 As in the Sacramento and San Joaquin Valley and foothills and the Delta  
29 and Suisun Marsh, boating laws are enforced locally in the Sacramento and  
30 San Joaquin Valley watersheds by agencies such as county sheriff's  
31 departments and municipal marine patrol units. As described previously for  
32 other geographic areas within the study area, local law enforcement  
33 agencies in the Sacramento and San Joaquin Valley watersheds receive  
34 funding and training from DBW to ensure that the State's boating laws are  
35 adequately and uniformly enforced.

36 **Schools** Educational services in the Sacramento and San Joaquin Valley  
37 watersheds are similar to those provided in the Sacramento and San  
38 Joaquin Valley and foothills and the Delta and Suisun Marsh. School  
39 districts have been formed to provide educational services for children 6–  
40 18 years of age. Numerous private or charter schools, which receive  
41 funding from a variety of sources, and many community colleges and 4-

1 year colleges and universities are also located in the Sacramento and San  
2 Joaquin Valley watersheds.

3 **SoCal/Coastal CVP/SWP Service Areas**

4 As stated previously, because the proposed program is not expected to have  
5 significant impacts on public services within the SoCal/coastal CVP/SWP  
6 service areas, public services in these service areas are not discussed in  
7 detail.

8 **Fire Protection Services** Fire protection services in the SoCal/Coastal  
9 CVP/SWP service areas are similar to those provided in the other  
10 geographic areas within the study area. However, urban population  
11 densities are higher in the SoCal/coastal CVP/SWP service areas than  
12 elsewhere in the study area, which influences the types and extent of fire  
13 protection services provided. Cities and counties in the SoCal/coastal  
14 CVP/SWP service areas provide fire protection services primarily for  
15 nonwildland fires; CAL FIRE and USFS have primary responsibility for  
16 fighting wildland fires.

17 **Emergency Services** Emergency services in the SoCal/coastal CVP/SWP  
18 service areas are similar to those provided in the other geographic areas  
19 within the study area. Cities and counties in the SoCal/coastal CVP/SWP  
20 service areas are primarily responsible for providing emergency services.  
21 They receive assistance from regional, State, and federal agencies for  
22 emergencies that require resources beyond the capability of the local  
23 jurisdiction.

24 **Law Enforcement** Law enforcement services in the SoCal/coastal  
25 CVP/SWP service areas are similar to those provided in the other  
26 geographic areas within the study area. Counties maintain sheriff's  
27 departments that have jurisdiction within county boundaries, and  
28 incorporated cities maintain police departments that have jurisdiction  
29 within the city limits. However, urban population densities are higher in the  
30 SoCal/coastal CVP/SWP service areas than elsewhere in the study area,  
31 which influences the types and extent of law enforcement services  
32 provided. In coastal areas, the U.S. Coast Guard is an additional agency  
33 beyond those already mentioned with responsibility for enforcement of  
34 boating and maritime laws.

35 **Schools** Educational services in the SoCal/coastal CVP/SWP service  
36 areas are similar to those provided in the other geographic areas within the  
37 study area. School districts have been formed to provide educational  
38 services for children 6–18 years of age. In addition, numerous private or  
39 charter schools, which receive funding from a variety of sources, and many  
40 community colleges and 4-year colleges and universities are also located in

the SoCal/coastal CVP/SWP service areas. Urban population densities are higher in the SoCal/coastal CVP/SWP service areas than elsewhere in the study area, which may influence the variety of educational services provided.

### 3.17.2 Regulatory Setting

The following text summarizes federal, State, and regional and local laws and regulations pertinent to evaluation of the proposed program's impacts on public services.

#### ***Federal***

No federal plans, policies, regulations, or laws related to public services are applicable to the proposed program.

#### ***State***

No State plans, policies, regulations, or laws related to public services are applicable to the proposed program.

#### ***Regional and Local***

Each county and city in the study area has its own general plan policies and local ordinances. Public services is not a required element of general plans; however, most cities and counties incorporate goals and policies related to public services into various elements of the general plan or include an optional element related to public services. General plans typically assess the adequacy and availability of existing public services and identify the need for and location of future services to serve growth anticipated in the general plan. Should a place-based project be defined and pursued as part of the proposed program, and should the CEQA lead agency be subject to the authority of local jurisdictions, the applicable county and city policies and ordinances would be addressed in a project-level CEQA document as necessary.

### 3.17.3 Analysis Methodology and Thresholds of Significance

This section provides a program-level evaluation of the direct and indirect effects related to public services of implementing management actions included in the CVFPP, expressed as NTMAs and LTMA's. The methods used to assess how different categories of NTMAs and LTMA's could affect public services are summarized in "Analysis Methodology"; thresholds for evaluating the significance of potential impacts are listed in "Thresholds of Significance." Potential effects related to each significance threshold are discussed in Section 3.17.4, "Environmental Impacts and Mitigation Measures for NTMA's," and Section 3.17.5, "Environmental Impacts, Mitigation Measures, and Mitigation Strategies for LTMA's."

1     ***Analysis Methodology***

2     Impact evaluations were based on a review of the management actions  
3     proposed under the CVFPP, expressed as NTMAs and LTMA in this PEIR,  
4     to determine whether these actions could result in impacts related to public  
5     services. NTMAs and LTMA are described in more detail in Section 2.4,  
6     “Proposed Management Activities.” The overall approach to analyzing the  
7     impacts of NTMAs and LTMA and providing mitigation is summarized  
8     below and described in detail in Section 3.1, “Approach to Environmental  
9     Analysis.” NTMAs are evaluated at a greater level of specificity than  
10    LTMA for the following reasons:

- 11       • NTMAs are better defined and less conceptual than LTMA, are more  
12       likely to be implemented in the short term (within the first 5 years after  
13       approval of the CVFPP), and are generally less complex.
- 14       • NTMA have more secure funding sources than LTMA.
- 15       • Environmental impacts of NTMA can generally be evaluated more  
16       accurately than impacts of LTMA.

17    NTMA can consist of any of the following types of activities:

- 18       • Improvement, remediation, repair, reconstruction, and operation and  
19       maintenance of existing facilities
- 20       • Construction, operation, and maintenance of small setback levees
- 21       • Purchase of easements and/or other interests in land
- 22       • Operational criteria changes to existing reservoirs that stay within  
23       existing storage allocations
- 24       • Implementation of the vegetation management strategy included in the  
25       CVFPP
- 26       • Initiation of conservation elements included in the proposed program
- 27       • Implementation of various changes to DWR and Statewide policies that  
28       could result in alteration of the physical environment

29    All other types of CVFPP activities fall within the LTMA category.  
30    However, NTMA-type activities (e.g., remediation of existing levees)  
31    would continue to be implemented in the CVFPP study area into the longer  
32    term time frame of the LTMA.

NTMAs are evaluated using a typical “impact/mitigation” approach. Where impact descriptions and mitigation measures identified for NTMAs also apply to LTMAAs, they are also attributed to LTMAAs, with modifications or expansions as needed.

Implementation of the proposed program would result in construction-related, operational, and maintenance-related impacts on public services—fire protection services, emergency services, law enforcement, and schools. Fire protection services consist of fire suppression, emergency dispatch, specialized training, fire prevention, fire safety education, and emergency medical response. Impacts on public services that would result from implementation of the proposed program were identified by comparing general information about existing facilities as presented in Section 3.17.1, “Environmental Setting,” against future demands that would be generated by the proposed program. Evaluation of potential impacts was based on a review of information pertaining to the study area that is publicly available from CAL FIRE, CalEMA, DFG, NPS, and BLM.

As mentioned previously, little to no effects on public services are expected in the portion of the SoCal/coastal CVP/SWP service areas located outside of the Sacramento and San Joaquin Valley and foothills and the Sacramento and San Joaquin Valley watersheds because no program management activities would be implemented in these areas; therefore, this geographic area is not discussed in detail in this section.

#### ***Thresholds of Significance***

The following applicable threshold of significance has been used to determine whether implementing the proposed program would result in a significant impact. This threshold of significance is based on the questions posed in Appendix G of the CEQA Guidelines, as amended. A public services impact is considered significant if implementation of the proposed program would do the following when compared against existing conditions:

- Result in substantial adverse physical effects associated with the provision of new or altered governmental facilities in order to maintain acceptable service ratios, response times, or other performance objectives for public services such as schools, fire protection, law enforcement, or other emergency services

#### ***Significance Thresholds Not Evaluated Further***

The CVFPP entails physical construction, operation, management, and policy changes related to flood protection and management. The proposed program does not include any components that would result in a demand for school services (e.g., homes), and therefore would not result in the need

1 for new construction or physical alteration of schools. Therefore, the  
2 threshold of significance related to schools would not apply to the CVFPP.  
3 This issue is not evaluated further.

#### 4       **3.17.4 Environmental Impacts and Mitigation Measures** 5       **for NTMAs**

6 This section describes the physical effects of NTMAs on public services.  
7 For each impact discussion, the environmental effect is determined to be  
8 either less than significant, significant, potentially significant, or beneficial  
9 compared to existing conditions and relative to the thresholds of  
10 significance described above. These significance categories are described  
11 in more detail in Section 3.1, "Approach to Environmental Analysis."

#### 12       **Impact PS-1 (NTMA): *Physical Effects Resulting from the Need for*** 13       ***New or Altered Law Enforcement or Fire Protection Facilities and*** 14       ***Services***

15 Modifying existing levees or constructing and operating new levees,  
16 changing reservoir operations, and implementing other NTMAs would not  
17 result in the need for new or altered law enforcement or fire protection  
18 facilities. The potential for construction and operational activities  
19 associated with NTMAs to necessitate increased fire or police protection  
20 services, such as additional officers and equipment, is remote. Adequate  
21 service is provided in the region by local county and city service  
22 departments, and actions would be conducted in compliance with  
23 Occupational Safety and Health Administration (OSHA) standards.

24 Construction activities could affect emergency fire protection services  
25 because they could spark a wildland fire on a project site or an adjacent  
26 area. However, as discussed in Section 3.12, "Hazards and Hazardous  
27 Materials," DWR is required by law to comply with OSHA's fire  
28 protection and prevention standard (29 CFR 1926.150(f)), which requires  
29 development and implementation of a project-specific fire protection  
30 program. As a result, the potential for construction activities to spark an  
31 uncontrollable wildland fire is considered remote.

32 For the reasons stated above, program implementation would not result in a  
33 potential for substantial adverse physical effects from new or altered  
34 facilities. Therefore, this impact would be **less than significant**. No  
35 mitigation is required.

**3.17.5 Environmental Impacts, Mitigation Measures, and  
Mitigation Strategies for LTMA**

This section describes the physical effects of LTMA on public services. LTMA include a continuation of activities described as part of NTMA and all other actions included in the proposed program, and consist of all of the following types of activities:

- Widening floodways (through setback levees and/or purchase of easements)
- Constructing weirs and bypasses
- Constructing new levees
- Changing operation of existing reservoirs
- Achieving protection of urban areas from a flood event with 0.5 percent risk of occurrence
- Changing policies, guidance, standards, and institutional structures
- Implementing additional and ongoing conservation elements

Actions included in LTMA are described in more detail in Section 2.4, "Proposed Management Activities."

The impact identified above for NTMA would also be applicable to many LTMA and is identified below. The NTMA impact discussion is modified or expanded where appropriate to address conditions unique to LTMA.

***LTMA Impacts and Mitigation Measures***

***Impact PS-1 (LTMA): Physical Effects Resulting from the Need for New or Altered Law Enforcement or Fire Protection Facilities and Services***

This impact would be similar to Impact PS-1 (NTMA), described above. In the longer term, neither levee modification, construction, or operation nor changes in reservoir operations would result in the need for new or altered law enforcement or fire protection facilities. Also, legally mandated, project-specific fire protection programs related to construction activities would negate the need for emergency fire protection services. Therefore, this impact, as it relates to public services, would be **less than significant**. No mitigation is required.

1     ***LTMA Impact Discussions and Mitigation Strategies***

2     The impacts of the proposed program's NTMAs and LTMAs related to  
3     public services are thoroughly described and evaluated above. The general  
4     narrative descriptions of additional LTMA impacts and mitigation  
5     strategies for those impacts that are included in other sections of this draft  
6     PEIR are not required for public services.

7